ATTORNEY DOCKET NO. 040894-7203

US Application No.: Unassigned

based on PCT Application No.: PCT/JP03/12524

10/529747<sup>Page 2 of 4</sup>
JC17 Rec'd PCT/PTO 30 MAR 2005

## **IN THE CLAIMS:**

Please amend the claims as follows:

1 (Original): A method for generating an ultrashort pulse, comprising the steps of:
converting a laser pulse once into a laser pulse having another wavelength;
reconverting the laser pulse having another wavelength into a laser pulse having an initial
wavelength to improve the contrast at a front part of the pulse; and
amplifying the pulse by a laser to generate an ultrashort pulse.

- 2 (Original): The method for generating an ultrashort pulse according to claim 1, wherein the laser is an excimer laser.
- 3 (Original): The method for generating an ultrashort pulse according to claim 2, wherein the laser pulse is converted into a pulse having another wavelength by performing stimulated Raman scattering; and

the reconversion of the pulse to a pulse having the initial wavelength is performed by performing four-wave mixing.

- 4 (Original): The method for generating an ultrashort pulse according to claim 1, wherein the amplification of the pulse is saturation amplification.
  - 5 (CurrentlyAmended): An ultrashort pulse generating apparatus, comprising:
  - a laser;
  - a  $(\lambda/4)$ -wavelength plate; and
  - a polarizer, wherein

ATTORNEY DOCKET NO. 040894-7203

US Application No.: Unassigned

based on PCT Application No.: PCT/JP03/12524

Page 3 of 4

a laser pulse is once converted into a laser pulse having another wavelength;
the laser pulse having another wavelength is reconverted into a laser pulse having an
initial wavelength to improve the contrast at a front part of the pulse; and

the pulse is amplified by a laser to generate an ultrashort pulse.

6 (Original): The ultrashort pulse generating apparatus according to claim 5, wherein the laser is an excimer laser.

7 (Original): The ultrashort pulse generating apparatus according to claim 5, wherein the laser pulse is converted into a pulse having another wavelength by performing stimulated Raman scattering; and

the reconversion of the pulse to a pulse having the initial wavelength is performed by performing four-wave mixing.

8 (Original): The ultrashort pulse generating apparatus according to claim 5, wherein the amplification of the pulse is saturation amplification.